

U. S. Department of Agriculture.

FIELD DIARY

OF

Mr.

Paul H. Rehn

Specialist in Forest

(Official title.)

1918

Lepidoptera

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J. F. Houston

Secretary of Agriculture.

8-833

N.Y.

Wm. O'Connor

231-233-E. 24th St.

Look up & comp. Eu. &
Am. species of Solonobia
& genitalia for Eger

Busch's paper on
Micro-Lep. classification
(Presidential address.) to
Eger

Apr. 1st 1.65
 Station Porter .10 2.85
 Car fare to Hotel .05 3.10
 Supper - En Route 1.25 3.05
 5.20
 Pullman Porter 1.40 1.25
 18.70

Apr. 2 Athens

Breakfast .75
 Dinner .75
 Supper 1.00

2.50

Car fare .25

Hotel Porter .10

2.85

Apr. 3 Athens

Pr. 75

Dinner 1.00

Supper 1.00

Car fare .25

Hotel Porter .10

3.10

~~Rome~~ Rome

2.50

431 East Seneca St.
 W. P. Alexander.

Apr. 4 N.Y.

Pullman Porter .25

Car fare - N.Y. .20

Bk. .75

Din. .75

Supp. 1.00

Hotel Porter .10

3.05

Apr. 5

Bk - N.Y. .75

D. - (L.D.) .75

S. - N.Y. 1.00

Room 2.50

5.00

Hotel Porter .10

Station .10

5.20

Apr. 6

Pullman .25

Porter .10

Station

Porter

Wash

Eucorma Sonomana

is the dark ^{red} sp. from Bruner K.



Hopt. 13269a, 12370, 12350
12369.

E. cocana K. is near
above (from H.C. Fisher)
in markings
betw. Sonomana K.
+ Lobana K.

E. Lobana K. =

Hopt. 13276a in
my series but dark parts
being a trifle darker in
Kearfoot's type (H. Y. Huxley)

~~E. Jozana~~

E. Jozana . Syn.
(Edmondiana, Jaz)

from Dyer sp. 2 from trans.

to Eretma (?) =

~~Eretma~~

Paradimna - same as
sp. in U.S. Nat. Museum

Det. by Whitten as E. duplana
of Europe

Wm O'Connor

wants U.S. Govt. Adventure

Eritrea zozana Hearf
in pattern
mid. way betw.
montana Busck X
edemoidana Dyar
but rather broad wings.

California Trip. 1918

Monday - June 3/18.

Leave Wash D.C. - 9:10 A.M.
BIO.

Tuesday - June 4/18.

Arr. Chicago - 8:40 A.M.
With Walter Road - all day
to Evans to with Roache X
Mr. Fenwick.

Leave Chicago - 7:35 P.M.

Wed. - June 5. En Route.

Thursday - June 6.

En Route
Change to Canyon car
this night

June 7. Friday
Ar. Grand Canyon
Of the land!

Great variety of leaf veins -
some only along veins of certain
A number for alarbot showing
Makes a narrow bottomed line
veins in certain stages of development
out to a large balloon like blotch
later, covering nearly entire
leaf! The latter to be seen.

Conductor lost my
transformation. Am in a bit
of a fix.

Took Harriet R. Dine
in the afternoon (23.)

Leave Grand Canyon.

9 P.M. - Arr. Williams
12 P.M.

Sec. Geo. J. Byrne
Asst. Pass. Traffic Mgr.
Ar. L.A. Fr. Los Angeles

Harold Grove - Milwaukee

Fr. Harney - Mission House
Wash. D.C.

~~Leave Los Angeles~~
Leave Los Angeles 11:30 P.M.

June 9 - Saturday
Ar. Merced 1:30 P.M.
Ar. El Centro 7:30 P.M.
Ar. etc

10 June - Monday

11 June - Tuesday

Yosemite Mar. falls

Work of any local importance
Some empty *Mus mus* ca. 1000

12 June Wed & Thurs.

13

To Lake Tenaya - overnight
Lake

Recurvata milleri

Larva about half grown. feeding
rapidly in 1917 needles. Snow
still on patches along trail but
rapidly disappearing. Patterson
says season is late & if
Recurvata issues this year
will be about Aug 1st. Can
see no reason as yet why it
should take more than a
year for a generation.

Revised water growth of larvae
& report on condition during
July. Larvae in alcohol.

Her quarters terrible at
near the lake. Several moths
taken from a swarm over
some small pine at edge
of lake. Bread in melting
snow & water at edge of
lake.

dis. several of the lodgepole
pines along trail several
nodules of an *Ectria* sp.
(near or possibly = *albispitana*)
Larvae young in ^{spring} nodules
at edge of lake. Patterson will
follow up & send material
for rearing later in season.
On the short trail along
to lodge, a leaf tier in the

bay (California bay). Some
✓ for rearing, a couple in
alcohol.

A leaf miner in the bay.
Makes a mine like Hyptisula
mine, ^{often} widens out slightly
✓ into a tent like form toward
the end. Rather rare. Seen
only on a small bush
below Mirror Lake.

At higher altitudes
a grasshopper leaf miner
(flatish mine) upper surface
✓ on the small leaved scrub
oak (Q. Sadderiana?)
Some for rearing & alcohol
Quite common above
7000 ft.

~~Trilob (June 1st)~~

Seen in trunk of lodgepole
pine common & extremely
quite destructive, a number
of trees 6 in. or more in diam.
~~often~~ completely girdled. Bristles
flow very heavy. Larvae
were found ^{pieces} quite small.
No pupae found. Heavy
fitted masses empty. Patterns
well followed up, rear &
send material. 1 Larva
in alcohol

Friday (June 14)

Today opened the nodules of
the Entoria sp. collected yesterday
& many surprises found in them
two large pupae. 1 contained
an empty pupa skin. The
rest were empty. Must
be emerging now. I shall
go after them tomorrow.

Got more of the leaf-lice
in Bay along the Yosemite
Falls trail. Went out this
am. with Jno. & Mr. Patterson.

Expected to get something but
parasites from the leaf-lice
in D. saddlebiana collected

yesterday. Some of them found
contained very tiny ones. Damp
skins in alcohol.

am. Sat June 15/8

Entoria issued from one of
the nodules. Looks like E.
nitulica Burks. Printed.

Explored right around Yosemite Falls

Sunday June 16/8

Yosemite Camp. First
day - Rain.

H. E. Burke. - Los Gatos, Cal.

Sent J. E. Patterson
Yosemite Camp
Packed boxes for market
also went to alcohol. 9.30

See Miller about
having Patterson come to
Asbland while I am there.

~~1002~~
Mrs. ¹⁰⁰² Stone - Studio
1002 - Kohler & Chase
Frisco. ~~Studio~~ ^{Bldg.}

Miss Katherine Tiske
(violinist)
Send postal to her at
"The Lady of My Dream".
don't know name of Cecil's
Mr Cecil H. Stone
Market 6597.

Tell him Mrs Stone sends
regards & that children are
well

Mrs Bristol
send postal

Miss Palston

Monday, June 17/18
Leave Gardena 7:59 a.m.
Change El Portal
" Merced. (Dinner)
" Tracy
" Miles
" San Jose
Arr. Los Gatos
Hotel


P. 211.

Wrote Alexander
" Miss Gray
" Campody

Tues. June 18/18

Visited Bunker

Collecting with R. D. Hartman
up 1007 in the

Larvae ^{folded} on Cascara 

(Common) for rearing
Mamestra mellea in the
forest but no larvae

Phylloxera filicella
common. Some for alcohol

Cameraria (?) upper
surface mine in
Alder (Creek Alder)
for rearing.

Wed - June 19/18

With Hartman in Cuts to
California Red Wood Park.
Thurs. - Dinner at Park.

Cameraria sp. in wax
Myrtle upper surface.
Common. Adversing ~~at~~
partial defoliation, Quantity
for rearing. Alcohol. 1 Adult
captured emerging.

Cameraria sp. (upper surface)
or Vacciniinae (
Common. Quantity for rearing
alcohol. 1 Adult emerging
captured.

Cross of Ketchikan on
road to Park. Heavily infested
with Phycitid(?) larvae. A
quantity for rearing. 1 painted
larva & several healthy larvae
in alcohol.

Musmonia in oak.
Samples of work. No larvae
now. Have all gone

Went to Trice

Pamona.

Trice to Trice

Went back to Trice station
Some material to Trice (Fall 11)

San Francisco 7⁴⁰ P.M.

Said Trice & Bunker
a list of workers. The
European and Eastern
visited from West and
localities & dates collected
Arrive Trice 9⁴⁵ P.M.

June 21/18
California Academy of Science
E. P. Van Dusee.
Golden Gate Park

San Francisco
10⁴⁰ P.M.
G

June 22 - Sat
arr. Ashland Oregon
4:30 P.M. Hotel Austin.

June 23 - Sunday
at Ashland. Spent day
with Miller.

June 24 - Monday
Met with Miller for the
first time. The association
of the needle miners &
Brenderton makes control
of millers an important problem
dependent to preserve the
large unspoiled lodgepole
area in the woods
(Tuolumne meadows)

June 25 - Tuesday
Project of control by participants
go on the second date with
Rohrer & suggest project of
control ~~to me~~ ~~the~~
making a station at the woods
& undertaking a control project.
Control of millers will mean
in large measure control
of Brenderton. Better a
two problem are in translation.

Miller wants me to go
with him to Portland Ore.
Shall try arrange for trip
Wednesday

25 June - Saturday
Went hunting

Met Billie Springer
Ottawa

26 June - Wed
To Portland with Miller
to meet Jamieson & go over
Spruce timber along coast

U. S. Forest Service
Back Bldg
Portland Ore

San Carlos & Pinta
U. S. Forest Service
Federal Bldg Denver
about some information
Hawaii & Calif.

Got in Toccoa with
G. A. Pearson
Fort Valley Exp. Sta
Flagstaff Ariz
(Forest Service)
on Boat

27 June - 1915 - Thursday
Arr. Portland 7:30 A.M.
Hotel Commercial
Met with Jamieson

28 June - 1915 - Friday
By boat with Miller to
Astoria (Oregon) Leave 7:00
am. Astoria 5:30 P.M.
Hotel Commercial Springer

Notes on the coast of Oregon

along Washington side of river
Especially near ~~Brookfield~~
Brookfield. Trees have been
completely depoliated & are
again leafing out but tops
are dead & trees look very
sickly. Some dead.

Sat. 29-June 1918.
by train. (Blind Slough) did
~~not~~ make it. Found several
spruce near Astoria (on light
shore town) which had been
depoliated. Some were dead
others leafing out again
but sickly. Also nearly all
found ground lumps of the
spruce tree moth (*Hametia*
fumiferana Wack.?)

Miller will follow up to
ascertain life history on
Oregon coast & get many
material. Larvae now very
small & have just commenced
feeding on the new needles
of new Astoria by boat for
Portland 2 P.M. (3 P.M.
actual time)

Arr. Portland 1:10 P.M. ^{in late}
Boat broke down at St. Helens.
Not dangerous

Sept 30 - Sunday
deforestation of Spruce Bud Moth
Especially severe at
Skamokawa (?) [River Pine
noted on trip from Astoria to
Portland. a true Brookfield]
Said G. J. Janniche & Miller
reference to fumiferana

Geo brief case #9
like medals

Leave Portland
Tuesday July 2/8 at
7:10 P.M. - 15

Arrive Spokane Wash.
6:45 A.M. - July 3 -
Wednesday

Train out leave 7:15 -
arr here late arriving morning
at Sand Point crossed a
wonderful lake surrounded by
high mountains.

Quies out of Spokane show
many dead & dying mammals &
birds. Looks like Plague to work
Entire coast region very dry &
frost here everywhere. Experienced
bad in neighborhood of Portland

Write Jim Davis
~~President~~ Wyo
Kirby Wright

W. W. Wheeler
Ben Stern Dis. Missouri

→ Lumberman

July 5 - Friday
Put me off at Seneca Neb.
Dine there 5 am. - Arr. 7:30
Took local to Halsey 8 am.
Arr.

Went over nursery at Halsey
with Supervisor Higgins. Found
Bushnell's flying by the thousands.
All trees (mostly sycamores, yellow
jacks etc) heavily infested. Most
of first generation now seen.
Most of second 1917 gen. (coming
gen) arrived in late March.
Emergence date earlier this
year than usual on account of
warmer & early spring. Work of
exp. entomologist with brief
from Halsey.

From Halsey
Planting stock ~~imported~~
imported into nursery 1903
from Minnesota (or Wisconsin)
also Washington
nursery (1902 yr) & others
sent to Ft. Bayard N.M.
from Halsey. 1908.

Leave Halsey, 5 P.M.

See Col. Bushnell in
Wash. D.C. - Medical Corps
about Ft. Bayard conditions

Arr. Omaha 7 A.M.
July 6th - Saturday

Resumed travel 6¹⁴ P.M.
Leave Omaha
8 July - Monday

Mr. John Driller
2517 Logan Boulevard
Chicago.

From Julius P. Dr. Vos
St. John Berchmans
Chicago Church

From J. O. McGuire
White Fathers.
Ordained Premonstratensian
by 7. Ridge Ave
of above

Lice Notes

du Toyrens - Med. Jn. Vol. 242.
203-212 - Feb 1915.

(From Lab. of Scientific Committee
in Military Sanitation) By A. F.
Seelma - Samuels & B. P. Ebert.

Recommended Crysol - Soap Solution
as most effective for clothes.

- Applied with brush & dipping

- 10% water solution of

Insulaptha Soap 65% (Naphtha "L")

Crude Crysol (100% Carbolic) 35%

10% Sol = 3 lbs. to bucket of water.

do Vol 242 - Jan. 1915 pp 74-80
by J. E. Rapchensky.

"Results of Experiments of Application
of various chemicals against clothes
lice".

Bed Bugs.

1 Pt. Wood Alcohol.

10¢ Corrosive Sublimite.

Specimen Specimen Formula to test Effect
on apple leaf Bugs

Have house liquid tested.

G.D. Peacock.

The house Problem at the Western
Front

Brit. Med. J. June 3, 1916 p. 784

Karaffa - Korbutt (K.O.)
& Mastitski G.S., "Sanitary
Organization of Halting Stations
(Etapos) at End of March"

Hygiene Med. J. 1915 CCXIV

1915, CCXIV - Med. J. Pt. 42v. 43v

(6 cuts in text)

describes delousing
machines station with
Russian armies
Halting station "Praga"

Brink, V.A.

Hygiene Med. J. Petrogo.

1915, CCXIV. Med. Spec. Pt.

440-449.

"Travelling back of the 30th
Sanitary - Hygiene detachment
of the 18th Army Corps"

Describes back - time & capacity
of washing 5000 men - 2 days.

Time down 3/4 to 1 hr.

Put up in 2 hrs.

"Killing External Parasites on
Army" Dr. Sherwin
Chief Ent. Lab of Dept of Forestry

"Novoye Vermia" Dec. 8 (21)
1914 p. 5

Describes Malinin's "liquid"

Persian powder

Russian Turps.

Kerosene

Carbolic acid

Essence of Cinnamon

+ Cinnamon oil

Does not injure human or fabric
good for all parts
~~destroy bacteria~~

Voyenno-Med. Zh. Vol.
CXV - Mech-Apr. 1915

pp. 323-327

Dr. H. A. Gerasimov

3 Kamen chambers for examination
+ Disinsection "

"The influence of Temperature
atmospheric aridity + saturation
of cloths with various
substances on the viability of
adult lice"

T. M. Engelhardt

Bull. de la Société Entomologique
de Moscou. Vol. 1. 1915 p. 164-170

Humidity experiments +
use of Tar preparations.

Destruction of Lice of Cloth + House

By Cresol + Soap Solution
Emulsion of Cresol. By W. A.

Baert. + Lieut L. L. L.

R. A. M. C. Bit. Med. Inf.

#2991 - p. 479 Apr 27, 1918

Dry heat or Water 60° C.
keep Eggs + Lice in 15 min.

20" stopping in 2% solution
Lysol or Cresol soap affecting
if temperature is not below
 50° F.

F. H. B. Texas Trip

Leave Wash, D.C. 10⁴⁰ P.M.
So. A. Ry. - Aug 20/18

Aug 22/18

Arr. New Orleans La. 10³⁰ A.M.
Leave New Orleans 7 P.M.

Aug 23/18.

Arr. Houston 6³⁰ A.M.
Hotel Cotton.

F. H. B. 702 - Carter Bldg.

Aug 24/18.

Houston.

Aug 26/18

Leave for Galveston 10 A.M. in H. B.

Back to Houston 9 P.M.

at G. Examined docks & landing place
for possible importation & introduction of
P. B. B.

Aug 26/18

Houston.

Aug 27/18

To Anahuac Tex. 1:30 P.M.

By auto with H.S. Hensley

Arr. 8:00 P.M. - Hotel Anahuac

Aug 28/18.

Anahuac & vicinity.

1. A.M. By boat with H.C. Hanson

& Delta - Trinity River - Opp. Anahuac

Examined following plants.

Spartina cynosuroides

Iva frutescens

Aemida canibina (Swamp)

Nostalgia ulthacifolia

Hibiscus incanus

2. Town of Anahuac

Malvariscus drummondii

Sida spinosa

S. rhombifolia

Malvastrum americanum

Hibiscus syriacus

H. incanus

H. esculentus (Okra)

H. ...

III. In afternoon with Hanson,
Jas Moore, E.L. Dixon visited
to the shore of Turtle Bay.

Examined

Hibiscus incanus

all results negative. Don't
think last locality would be
possible place of infestation. About
12 mi. from nearest known seat of
former infestation with barrier of
small woods between. Don't think
any of Malvaceae would make
suitable food plant for gossypiphila
on account of oil contents in food.

Collected some *Eutima* (bird nests
in tips of *P. Tarda*). The dead
terminals largely due to beetle
attack (beetle). To Falls Ch.

Pyralis in trumpet vine (*Tecoma
indiana*). In alder & to rearing.

Aug 29/18

On Prairie adjacent to O.R. Cockrells
1917 Cotton field. - Acahuang ^{Tex}

Plants Examined.

Croton capitatus

Baptisia Bushii

B. sphaerocarpa.

Nan bentonia longifolia

various Compositae.

Tortricid Larva in Seed pods of *Baptisia*
superficially similar to P.B.W.

Aug 30.

Locality -

(Smith Point.)

Plants.

Swamp So. of W. Mitchell's house - *Hibiscus incanus*
- *Mouanda* sp.

at P. Nelsons Farm. - *Helianthus* sp.

Mahonia *drummondii*

near Kansas 1917

Cotton Field.

10-Volunteer Cotton
Glottidium
resicarium.

No P.B.W. in volunteer cotton.

Tort. stem borer & Gelechiid Larva

& 2 spp. T. Lep. pupae in *Helianthus*
flower heads.

Aug 31.

W. Mitchell's Farm (Smith
Point) - about in center of
highest 1917 P.B.W. infestation

Hibiscus incanus.
Other.

Sept. 1.

Sunday.

Left Port with Dr. Hunter,
Party. — Anahuac.

Sept. 2.

Inspected Plants for P. B. W. near
1917 field in vicinity of Double
Bayou.

Sept. 3.

Vicinity of Silva Frank's Store
2 mi. E. Wallersville.

Rain. P. M.

Sept. 4.

do- Sept. 3.

Amaranthus hybridus

Croton capitatus?

Malvaceae Drummondii

Nicotiana glauca althaeifolia

- Voluntary Cotton
in vicinity of Double Bayou.

Sept. 5.

Houston.

Sept. 6.

En route Home

Sept. 7.

Scouting & inspecting Malvaceae
from Anahuac to Highland
via White Ranch, Sea Breeze
Store, Double Bayou.

Road D. B. to

White Ranch.

Road Highland to Store

N. in canna

Nicotiana glauca

N. in canna?

Nicotiana glauca

Okra palata

Store - town

Okra

Hibiscus syriacus

Road
Stirred & Anahuac - Ottra
H. in canoe

Sept. 8

25 large volunteer cotton
plants taken by Jones from
various 1911 infested fields
Examined, no P.B.W. or any
signs of same.

A small Getachind larva
in our Boel. (alcohol Heinrich ~~II~~)

Registration Card - just Recd. Mailed
R.S. Althouse.

Tenite Bayou with Mrs.
Marion (Pinner) - high collecting
see Supplement. Tues 11 P.M.
Hotel.

Sept. 9

with Mrs. Pinner. Examined
those in vicinity of Eagle
4000 plants, primarily in perfect
Boel. infested with *Blattella* showing
negative result. 10.

Adm.

with Mrs. Pinner in inspection
trip to head of Lake
Charlotte. Fine large country
with very varied flora.

Cephalanthus occidentalis

Hibiscus *incanus*

He. militaris Pers.

Myrsine.

Otra

Kosteletzkya

Hibiscus etc. within 500 ft.
cotton fields, a highly infested
district in 1911.

P.M.
W. H. Harrison to Hunt & Harner
visited the ~~general~~ ^{general} places in
the locality.

See flowers (x large heads)
H. cyriacus (~~4~~ 3)

Radius of 4 miles.

Sept 11 - 1918
To North Shore of Lake
Charlotte with Diver &
More for a days work with
Hibiscus militaris & an
all night collecting trip

Trapa minor in *Cephalanthus*
occidentalis.

Especially out pods, pods &
flowers of *Hibiscus militaris*.
No trace of P. B. W.
Salicaria sp. (*Lobocella*
Bouch) rather common.
Not in flower. The green ~~leaves~~
occasionally in the seed pods.
Common in old flower
which it told back to pods.

3 specimens of a pinkish
Tort. larva in green pods
of H. militaris! see Alcock.

Gelis liticeola not
in H. incanus.

high collecting very poor.

Sept 12

Arrived at the Old River
to Cork. West Bank.

H. militaris along shore
H. incanus of lower Finland
Kestelya of front Cork

Malvianus
2 relict Cork
Lawrence relict

Sept 13

See 24th 15

Sept 14

See shore of Mullins' Lake
off of Wallinick

H. militaris
Malvianus
H. incanus

Following forest trees in drift
back:-

1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th
11th 12th 13th 14th 15th 16th 17th 18th 19th 20th
21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th
31st 32nd 33rd 34th 35th 36th 37th 38th 39th 40th
41st 42nd 43rd 44th 45th 46th 47th 48th 49th 50th
51st 52nd 53rd 54th 55th 56th 57th 58th 59th 60th
61st 62nd 63rd 64th 65th 66th 67th 68th 69th 70th
71st 72nd 73rd 74th 75th 76th 77th 78th 79th 80th
81st 82nd 83rd 84th 85th 86th 87th 88th 89th 90th
91st 92nd 93rd 94th 95th 96th 97th 98th 99th 100th

P.M.

- Lind Hanson

So. of Anahuac to Mouth of
A. Bayou. Covered road along
Bayou + Bay Shore road.
Nothing except Okra

Sept 15 // 1918

Sunday

Sept 16

Shore of Milling Lake in
East of East Shore

H. incana (rare)

H. militaris

~~Malvaceae~~

Boat Hire = \$1.50

H. incana (rare)

H. militaris taken on
Granitoye (= bank for about
100 yds. - *Scleria*
tilinoides also there

Hosteliza - rare
Heliconia - *Heliconia*

Chick got one specimen
of fine *Hosteliza* or *Militaris*
Name as *lanceolata* taken on
Lake Charlotte (on river
bed)

H. militaris - good
fruit. - Mostly dry pod
& blossoms

Hosteliza gaule (12-15 ft
high) with prof. fruit at
Bayou to Lake Charlotte Poplar in
it approx. 100 yds

Sept 7/18
With Dr. Hunter Mailed to
Sudworth & Smith Point.

See Sudworth about
Bushman infestation on his
N.Y. Place.

Sept 8/18
North from Miller's Lake (too
shallow for boat)
H. incanus scattered along
E. shore. 1 Larva of *Phibiscia*
found in Patten.

Walked around lake - N. - N.W.
E. & S.E. shores not before visited.
No militaris in the new localities
very little incanus here & there,
some prawns (mostly on western
shore) & a few scattered
Kotulezkyia and *Malvariscus*.

Sept. 19/18.
To Lake Charlotte with Dr. Hunter
& Moore (in Chiddix Car).
Moore & Dr. Hunter took North western &
Western shore by land & Chiddix
& I took boat & skirted So. Western
Southern, & Eastern shore landing
frequently; also on island. No
militaris except that on ^{Paul Sherman's}
Place. A few scattered incanus
along N. & Western shore. Very few
scattered *Kotulezkyia* here & there
& some *Malvariscus*. Examined.
Negative.
Moore found two Larvae of *Phibiscia*
in H. incanus.

Sep. 20/18
Rain. Sat. Sun. have bright.
go with him to Liberty.

~~Sep. 21/18~~
E. L. Dixon
205 College Ave.,
Elmira N.Y.

Chinese Hibiscus
on place of Solomon C. Gill Sr.
Below Double Bayou off
Smith Point Road opposite
house with avenue of Pines trees.

~~To Liberty with person~~

Sep. 21/18.
Hester Boat up Trinity River
to Liberty County Ga. with him.
H. in. multi taria, one small patch
(35 plants about) on west shore
opposite old Saut Mill 1 mile above
Wallsville. a few scattered in cane
here & there along river mostly in
high bottom of Wallsville. about
an equal amt. of H. t. l. l. l. l.
working etc.

1 Sep. stem tree & wood used as fuel
freedom seeds of Pig weed.

Sep. 22/18.
Packed & to Houston with
Chiddister's Car. Arr. Houston
6 P.M.

Sept. 23/18.

Houston.

To Galveston 2 P.M.

Conference with H. H. Hanson
on Malvaceous Plants in Galveston
Co. - Hotel Tremont.

Sept 24/18

To Houston 9. am for
conference with H. H. Hanson
Picked.

Heuriosufestator 1917

Lamarck.

{ Ed. Mills

{ *Pigistola*. (Stoneham station)

1 1/2 mi East of Station.

near S. P. Ry

Abundant - Galveston
#150 Auto.

Sept. 24/18

Lamarck. fields of Ed. Mills
& *Pigistola*. 4 fields latter
3 fields former. -

Okra. at Ed. Mills.

Pyroderus pilosus (few)

Hundreds of plants volunteer
cotton. *Pigistola*'s many with
large bolls (green). 3 open
bolls.

Peter Goosha - Dickinson
man in urban.

Volunteer cotton abundant
- bolls open & cotton mature

Boll weevil abundant, also
P. pilosus & cotton leaf caterpillars
latter for rearing (pupae) - 2 hours
in alcohol.

26 Sept. 1918.

Hitchcock.	Clarks
Alta Louisa	Johnson
Arcadia	Phone 1285
Algoa	or 40
Algon.	Auto.
	Golston.

(*Statice uliginosa*)
 Hibiscus ~~monadelphus~~
 Hollyhock (1 plant) H. C. Hanson
 Crosby House
 Brammouk

Great Sunny with storm
 heavy rain in A.M.

27 Sept 1918

Hitchcock.
 Columbia Okra - 1917 Carter field
 in
 1 mi. north

3 fields - McIntosh Carter (few)
 Valley Brook

Alta Louisa
 Pabst place
 1917 field - Walter Carter field
 do - Miller.

Algoa
 1 mi. north.
 Okra in 1917 fields.

Butter. Adm + Algoa
 along R.R. = Kostelitzky

S.E. Arcadia
 Okra in 1917 Carter field

28 - Sept. 1918

J. W. Mac Gregor

Sunflower - $W \frac{2}{3}$ from Dickin
Bylin, A. & League City.

Pyroderma to larger pinkish
calyptrata feeding in seeds.
About size of P. B. W. ^{specimen} for alcohol
& rearing (larvae & pupae)

Large Corn field & waste land
 $2 \frac{1}{2}$ mi. from League City (north)
just north of bridge. Field of
volunteer cotton. Chloridea &
Brotteria (later larvae &
adults abundant). No P. B. W.
Hundred of Plants. Some of
beetles on ground. - mostly
green holes.

Okra

Dickinson

Volunteer Cotton

29 Sept. 1918

To Houston 10 AM
To Gal. 3 P.M. with
Dr. Hunter

30 Sept 1918

La Marque. (Nigger Settlement)

Wral Button

(1917 Cotton)

Sida

3 plants & cotton
no beet.

Okra

He cynicene

S. Smith

Okra

Mary Anderson

working but Sila
1/4 Fortale 1/2 day

Suggest to Hunter's admiring
of black cotton plants. Continuously
in Guantánamo Area

H. H. Garner

de Corn + Gorgonum fruit
Okra - no v. cotton

Pigitolta - field by Store
La Marquis - Dickinson Pike

Volunteer Cotton (many)

Okra (many volunteers)

Sunflower (1)

Thecla holes in green cotton leaf
eggs of weevils, on green
leaves for weevils.

1-Oct-1918.

Went to Pigitolta field at
Store La Marquis - A.M.

to J. A. Murphy field
on the tobacco - ~~Helen~~ Dirt Road
Outlaw cotton

Harvest 2000 plants.

More 420 " "

2 to 3 bags loose cotton in house

Kochles for lunch

(Chicken dinner)

Chinese Hibiscus (double
pink) in bloom

2 Oct 1918
L.A. Murphy field.

Heinich - 8400 outlaw
Moore - 8400 "

3. Oct 1918
Tony Polamero ^{Dickinson}

H = 2000 outlaw
M = do

Scoback^x

4. Oct 1918

Dickinson - field 700.
Church in Bayou
Vof. cotton (1/2 day)
Okra

^{San Leon}
F. D. Holcomb
Scattered Vof. Cotton, on exact
site of finding of P.B.W. 1917
may Large bolls.

J. S. Bloom. - 1917 Cotton
San Leon

no. vof. Cotton. - Come 1800

La Rue - San Leon
Peanut field. - 1917 Cotton.

3 rot. Okra - ^{vof.} ~~no~~ cotton
Several hundred
large bolls (green)

Benson - field - Dickinson
San Leon Rd - Volunteer Cotton
few; but large water bolls
(many)

5 Oct - 1918

3 fields of Geo. Scott.
1 mi. N. of Hitchcock.

Vol. Cotton in all stages
very abundant.

1 suspicious worm
found. prob. ~~Pyrausta~~
^(L.) ~~Pyrausta~~ ^{degr.} ~~degr. ^{inspiration}
few Vol. Okra.~~

of Vill. not seen

Chin. or Hibiscus
Chloridia in Pods.
of Hitchcock 1/2 mi.

6 Oct 1918
Sunday = To Houston

7 Oct 1918.

1 field. 1 1/2 mi. E. Hitchcock

Vol. cotton + Okra

(few)
Vill. ~~Ohlendorf~~

Geo. Davis - 2 mi. N. E.

Hitchcock. = 1917 infestation

3 field - Vol. cotton (small)
mostly with green bolls. some
mature + flowers.

W. Brown (Burlitts Place)

1 field (few Vol. Cotton)

3 mi from Hitchcock N. E.

Edmons (off W. Brown)

few Vol. cotton

L. Brown.

Vol. Cotton (few)

Vol. Okra (2)

3 mi. from Hitchcock
N. E. by E.

8 Oct 1918
Houston
8 am. Ret. Gal. 7 P.M.

9 Oct 1918.

Dickinson

Outlaw field

Frank Grizzaffi

Hinnich 4500 plants

more 4500 "

Yol. Okra, several

Bell-worm & Popovers Common

Corn had been picked

To Houston 8 P.M.

10 Oct 1918

Leave Houston for Wash.

7th 9 A.M. S.P. - ticket thru Oct
via Smith

Make Reservation for \$1.00

New Orleans - New York train.

Call up Dr. Hunter's
daughter Mrs S. L.

Buracker

11 - Oct 1918

En Route
H. 199 at the time, 3 wife is in the same
room

12 - Oct 1918

Arr. Wash. D.C.

Att.

Train wrecked below Fairfax
vale.

1891
Jan 1st
Feb 1st
Mar 1st
Apr 1st
May 1st
Jun 1st
Jul 1st
Aug 1st
Sep 1st
Oct 1st
Nov 1st
Dec 1st

1892
Jan 1st
Feb 1st
Mar 1st
Apr 1st
May 1st
Jun 1st
Jul 1st
Aug 1st
Sep 1st
Oct 1st
Nov 1st
Dec 1st

The glory + delight of long
cruel lives.

Rise to the summit of desire
by dreadful journey, fighting wind
+ hail + mountain thunder. The
clouds break, a vision of
the world rolls out like a map
worn and deep + gayly colored.
Upward was long ~~and~~
unfolding conquest. Beyond in
one swift screaming, ragged
plunge of rock, the plain, the desert
+ succumbing mountain in ~~one~~
single sudden vision.

Do my duty during regular
hours + spend the spare

moments enjoying life

And life just parted on a
sigh, like petals red +
~~and~~ ~~and~~ ^{by day} rose petals
delicately curled ~~too~~ too
faint to close upon the
dulces of a warm south
wind.

^{spring}
The ~~fall~~ balance of the
step.

Or kissing goblets with the
shade of death.

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8-533

R.R. Fare. Expenses
Up to incl. June 30, 1918

May 28	—	77. —
.55	1.25	4.50
.05	.35	10.40
1.50	1.75	1.50
1.50	<u>3.35</u>	13.50
.40		4.15
<u>4.00</u>		1.50
3.25		14.25
.75		2. —
		10.25
		1.71
		1.80
		1.55
		1.90
		1.55

146.54

148
03
479

42
200
8400

0096
00
160

4.30
4

James

